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CONTACT CRACKING CATALYST

Abstract:

PURPOSE: To provide the catalyst which accelerates the cracking of heavy factions and simultaneously suppresses the coke sticking onto the catalyst and hydrogen formation.

CONSTITUTION: This contact cracking catalyst is constituted of a catalyst inside layer contg. a silica alumina hydrogen of $\geq 50\text{wt.}\%$ Al_2O_3 content and a catalyst outside layer consisting of a silica alumina hydrogen of $\leq 20\text{wt.}\%$ Al_2O_3 content. The contact cracking catalyst satisfies the contradicting requirements for accelerating the cracking of the heavy fractions and simultaneously suppressing the coke sticking onto the catalyst and the hydrogen formation.